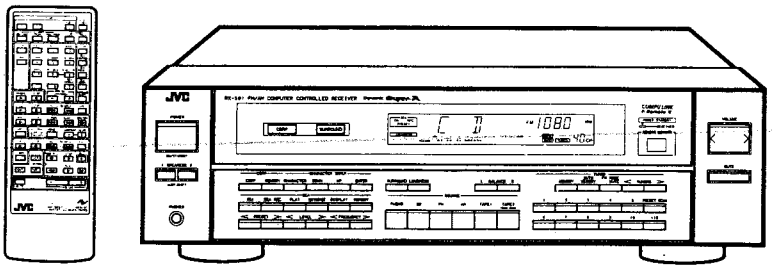
JVC

INSTRUCTIONS

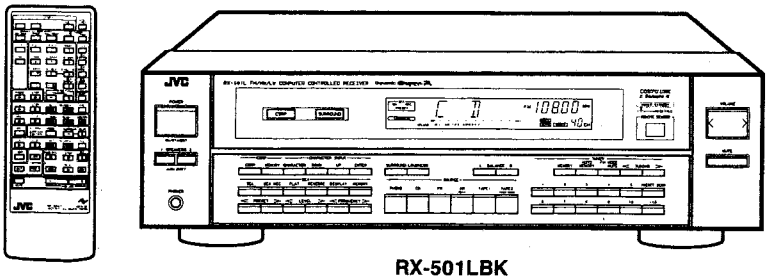
RX-501BK/RX-501LBK

COMPUTER CONTROLLED RECEIVER

BEDIENUNGSANLEITUNG: COMPUTERGESTEUERTER RECEIVER
INSTRUCTIONS: AMPLI-SYNTONISEUR COMMANDE PAR ORDINATEUR
GEBRUIKSAANWIJZING: KOMPUTER GESTUURDE RECEIVER
INSTRUCCIONES: RECEPTOR CONTROLADO POR COMPUTADORA
BRUKSANVISNING: DATORSTYRD RECEIVER



RX-501BK



RX-501LBK

COMPU LINK
Remote
Control Component

For Customer Use:
Enter below the Model No. and Serial No. which is located either on the rear, bottom or side of the cabinet. Retain this information for future reference.

Model No. _____

Serial No. _____

E30580 1492A

MC-Service

IMPORTANT (In the United Kingdom)
Mains Supply (AC 240 V~, 50 Hz only)

IMPORTANT

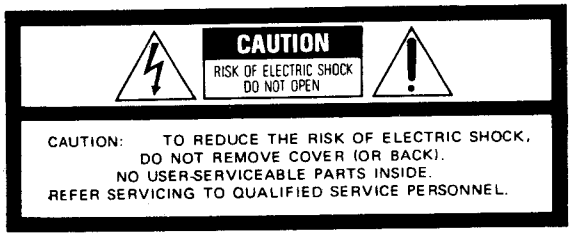
Do not make any connection to the Larger Terminal coded E or Green. The wires in the mains lead are coloured in accordance with the following code:

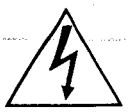
Blue to N (Neutral) or Black
Brown to L (Live) or Red

If these colours do not correspond with the terminal identifications of your plug, connect as follows:
Blue wire to terminal coded N (Neutral) or coloured Black.
Brown wire to terminal coded L (Live) or coloured Red.
If in doubt – consult a competent electrician.

IMPORTANT FOR AC OUTLET(S) PROVIDED ON REAR

CAUTION: ONLY CONNECT THE AUDIO EQUIPMENTS DESIRED TO BE SWITCHED ON AND OFF WITH THE RX-501BK/LBK.
CAUTION: DO NOT CONNECT ANY EQUIPMENTS GREATER THAN THE RATING MARKED BY THE AC OUTLET(S).
CAUTION: DO NOT CONNECT THE TELEVISION OR VCR; THESE SHOULD BE CONNECTED DIRECTLY TO WALL OUTLETS.


CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN
CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK,
DO NOT REMOVE COVER (OR BACK).
NO USER-SERVICEABLE PARTS INSIDE.
REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.



The lightning flash with arrowhead symbol, within an equilateral triangle is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

BEMAERK: I stilling OFF er apparatet stadig forbundet med lysnettet. Hvis det ønskes fuldstændig afbrudt skal netledningen trækkes ud.

VARNING
Strömställaren POWER är sekundärt kopplad och skiljer inte apparaten från nätet i läge STAND BY. För att apparaten skall skiljas från nätet skall nätsladden dras ur från vägguttaget.

WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

IMPORTANT (CANADA ONLY/CANADA SEULEMENT)

CAUTION: TO PREVENT ELECTRIC SHOCK DO NOT USE THIS (POLARIZED) PLUG WITH AN EXTENSION CORD, RECEPTACLE OR OTHER OUTLET UNLESS THE BLADES CAN BE FULLY INSERTED TO PREVENT BLADE EXPOSURE

ATTENTION: POUR PREVENIR LES CHOCS ELECTRIQUES NE PAS UTILISER CETTE FICHE POLARISEE AVEC UN PROLONGATEUR, UNE PRISE DE COURANT OU UNE AUTRE SORTIE DE COURANT, SAUF SI LES LAMES PEUVENT ETRE INSEREES A FOND SANS EN LAISSER AUCUNE PARTIE A DECOUVERT

Note to CATV system installer: (U.S.A. ONLY)

This reminder is provided to call the CATV system installer's attention to Article 820-22 of the NEC that provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of cable of entry as practical.

COMPU LINK
Remote
Control System

COMPU LINK is a computer-linked system in which microcomputers in individual JVC audio and/or video components control the system's operation. For details, see page 16

COMPU LINK ist eine Computer-gesteuerte Verkopplung einzelnerJVC Audio- und Videokomponenten. Weitere Angaben hierzu siehe Seite 34

COMPU LINK est un système de liaison à ordinateur dans lequel des microprocesseurs dans des appareils audio et/ou vidéo JVC indépendants commandent le fonctionnement du système. Pour de détails, voir en page 52

COMPU LINK is een komputer testuurd systeem waarbij mikrokomputers in de afzonderlijke JVC audio en/of video komponenten de bediening van het systeem regelen. Zie biz. 70 voor details.

COMPU LINK es un sistema de enlace por computadora en el cual las microcomputadoras en los componentes de audio y/o video de JVC controlan el functionamiento del sistema. Para mayores detalles, refiérase a la página 88

COMPU LINK ä ett datorlänkat system i vilket mikrodatorer i varje enskild ljud- och/eller videokomponent av fabrikatet JVC styr anläggningen. Se närmare beskrivning på sidan 106.

CAUTION

To reduce the risk of electrical shocks, fire, etc.:
1. Do not remove screws, covers or cabinet.
2. Do not expose this appliance to rain or moisture.

Thank you for purchasing this JVC product.
Before you begin operating this unit, please read the instructions carefully to be sure you get the best possible performance.
If you have any questions, consult your JVC dealer.

Note:
- This instruction manual has been prepared for the two models, the model numbers of which are shown on the front cover. Model numbers with an L suffix show receivers which can receives LW broadcasts. Basic operation is virtually identical for the two models. The differences are described clearly.

ACHTUNG

Zur Verhinderung von elektrischen Schlägen, Brandgefahr usw.:
1. Keine Schrauben lösen oder Abdeckungen entfernen und nicht das Gehäuse öffnen.
2. Dieses Gerät weder Regen noch Feuchtigkeit aussetzen.

Vielen Dank für den Kauf dieses JVC-Produkts.
Bitte lesen Sie diese Bedienungsanleitung sorgfältig, bevor Sie dieses Gerät in Betrieb nebmen, um die beste Leistung zu erhalten.
Falls Sie Fragen haben, wenden Sie sich bitte an Ihren JVC-Fachhändler.

Hinweis:
- Diese Bedienungsanleitung ist für die zwei Modelle vorgesehen, deren Modellbezeichnung auf der Vorderseite abge druckt ist. Die L-Bazeichnung kannzeichnet für LW Empfang geeigneta Geräte. Die Bedienung ist bei beiden Modellausführungen im wesentlichen gleich, Untenichlede sind klar deutlich gemacht.

ATTENTION

Afin d'éviter tout risque d'électrocution, d'incendie etc.:
1. Ne pas enlever les vis ni les panneaux et ne pas ouvir le coffret de l'appareil.
2. Ne pas exposer l'appareil à la pluie ni à l'humidité.

Nous vous remercions pour l'achat de cet appareil de JVC.
Pour que vous puissiez obtenir les meilleures performances possibles, nous vous recommandons de lire attentivement la présente notice d'emploi avant de commencer à utliser votre nouvel applareil.
En cas de question, consultez votre revendeur JVC.

Remarque:
- Ce manuel d'instructions est destiné aux deux modèles dont le numéro est inscrit en page de couverture. Les numéros de modèles accompagnés du suffixe L indiquent que les amplisyntoniseurs peuvant recevoir les émissions GO. Le fonctionnement de base est pratiquement idantique pour les deux modèles. Les différences sont clairement indiquées.

VOORZICHTIG

Ter vermindering van gevaar voor brand, elektrische schokken, enz.:
1. Verwilder geen schroeven, panelen of de behuizing.
2. Stel dit toestel niet bloot aan regen of vocht.

Dank U voor het in dit JVC produkt gestelde vertrouwen.
Lees deze gebruiksaanwijzing vóór ingebruikname van dit loestet aandachtig door ter verkrijging van de beste prestaties.
Raadpleeg Uw JVC dealer in geval van twijfel.

Opmarking:
- De toepassing; de modelnummers hiervan zijn op de voorkant van de omslag aangeven. Modelnummers, eindipend op een L, duiden op tuner-versterker, waannee ultzendingen op de lange golf kunnen warden ontvangen. Bedieningsmethoden van deze twee modellen zijn vrijwel identiek. Verschillen worden duldelijk beschrevan.

PRECAUCION

Para reducir riesgos de electrochoques, incendio, etc.:
1. No extraiga los tornillos, cubiertas o la caja.
2. No exponga este aparato a la lluvia o humedad.

Deseamos, antes que nada, agradecerle por la compra de unos de los productos de JVC.
Antes de poner esta unidad en operación asegúrese de leer estas instrucciones para de tal modo, obtener el mayor rendimiento posible.
Cualquier duda o pregunta, sirvase dirigirse a su concesionario JVC.

Nota:
- Este manual de instrucciones ha sido preparado para los dos modelos cuyos números figuran en la tapa delantera. Los que llevant una L como sufijo indican que pueden captar transmisiones en OL (LW). La operación básica es prácticamente idéntica para los dos modelos. Las diferencias están claramente descriptas.

VARNING

Elektriska stötar och överslag i apparaten kan elimineras genom följande:
1. Ta inte bort struvar, lock eller ytterhölje från apparaten.
2. Utsätt inte apparaten för regn eller fukt.

Tack för valet av denna JVC-produkt. Läs noga igenom dessa anvisningar innan apparaten börjar användas för att erhålla bästa möjliga ijudåtergivning. För ytterligare information, kontakta JVC-handlaren.

Anm:
- Denna bruksanvisning beskriver två modeller; modellnumren anges på omslaget. De båda modellemas handhavande är praktiskt taget klentiska. Alla skillnader beskrivs utförligt. Modellen med att "L" angivet kan också motta program på långvågsbandet.

MC-Service

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IMPORTANT NOTES

1. Installation
- Select a place which is leve, dry and neither too hot nor too cold (between −5°C and 40°C/23°F and 104°F).
- Be sure there is adequate ventilation; poor ventilation may cause the unit to malfunction.
- Leave sufficient distance between the receiver and your TV.

2. Power
- Do not handle the power cord with wet hands!
- When unplugging from the wall outlet, always pull the plug, not the power cord.

3. Malfunctions etc.
- Do not insert any metalic objects into the receiver.

WICHTIG

1. Aufstellung
- Das Gerät auf eine ebene Fläche stellen. Der Aufstellungsort sollte trocken und weder zu warm noch zu kalt sein (zwischen −5°C und +40°C).
- Ausreichende Belüftung gewährieisten. Unzurelchende Belüftung kann Störungen verursachen.
- Zwischen dem Receiver und dem Fernseher einen ausreichenden Abstand einhalten.

2. Netzkabel
- Das Netzkabel nicht mit feuchten Händen anfassen.
- Zum Abtrennen des Netzkabels von der Steckdose immer am Stecker ziehen, niemals am Kabel.

3. Fehlfunktionen usw.
- Darauf achten, daß keine Metallgegenstände in den Receiver eindringen.

REMARQUES IMPORTANTES

1. Installation
- Choisir un endroit plan, sec et ni trop chaud, ni trop froid (entre −5°C et 40°C).
- S'assurer qu'il y a une bonne ventilation; une mauvaise ventilation peut causer un mauvais fonctionnement de l'appareil.
- Laisser une distance suffisante entre l'amplisyntoniseur et votre téléviseur.

2. Alimentation
- Ne pas toucher au cordon d'alimentation avec les mains humides!
- En dèbranchant l'appareil de la prise murale, toujours tirer sur la fiche, pas sur le cordon d'alimentation.

3. Mauvais fonctionnements, etc.
- Ne pas introduite d'objets métalliques dans l'ampli-syntoniseur.

BELANGRIJK

1. Installeren
- Zoek een plaats uit die waterpas, droog en noch te warm, noch te koud is (tussen −5°C en 40°C).
- Zorg dat er genoeg ventilatie is: slechte ventilatie kan er de oorzaak van zijn dat het toestel niet good werkt.
- Houd het toestel zover mogelijk van de TV verwijderd.

2. Netsnoar
- Raak het netsnoor noolt met natte handen aan!
- Neem altijd de stekker zelf, nooit het snoer, beet wanneer de stekker uit het stopkontakt getrokken wordt.

3. Defekten, enz.
- Steek geen metalen voorwerp in de tuner.

NOTAS IMPORTANTES

1. Instalación
- Elija un lugar nivelado, seco y que no sea demasiado caluroso ni demasiado frío (entre −5°C y +40°C).
- Tenga en cuenta que haya una ventilación adecuada; la falta de ventilación puede ocasionar fallas en la unidad.
- Deje suficiente espacio entre el receptor y el televisor.

2. Alimentación
- ¡No toque el cordón de alimenación con las manos mojadas!
- Cuando lo desenchufe del tomacorriente de pared, tire siempre de la clavija, no del cordón.

3. Fallas de funcionamiento, etc.
- No inserte ningún objeto metálico en el receptor.

VIKTIGA ANMÄRKNINGAR

1. Installation
- Välj ett stätle som är plant, torrt och varken för varmt eller för kalti (mellan −5 och 40 grader).
- Se till att god luftcirculation finns, eftersom dålig ventilation kan orsaka funktionsfel.
- Lämna tillräckligt stort avstånd mellan receivern och TV-mottagaren.

2. Nätsladd
- Ta inte i nätsladden med våta händer!
- Håll afitid i stickkontakten, inte i sladden, när sladden skalf dras ur från vägguttaget.

3. Eventuella funktionsfel
- Stoppa inte in metallföremål i apparaen.

ENGLISH

DEUTSCH

FRANÇAIS

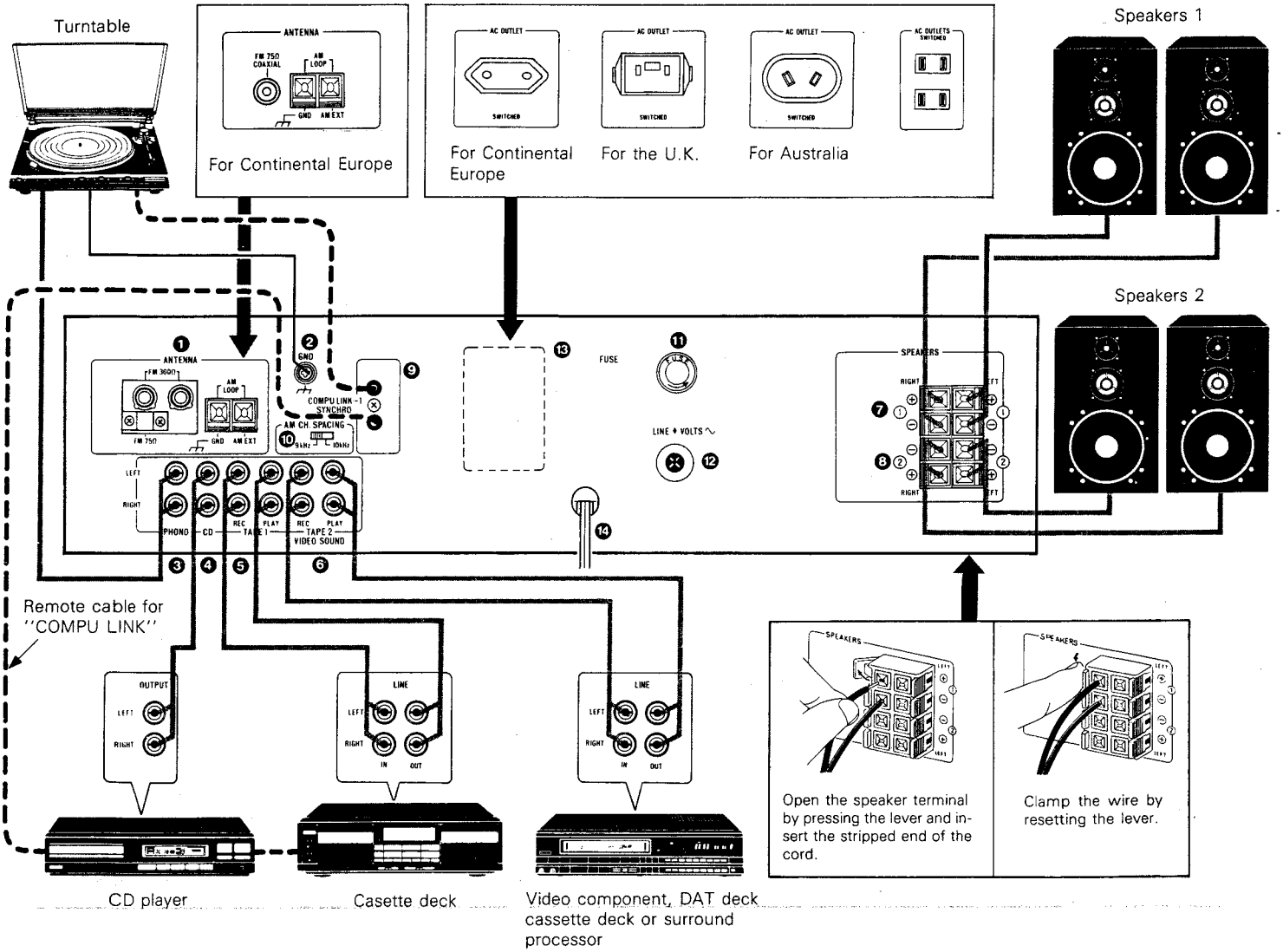
NEDERLANDS

ESPAÑOL

SVENSKA

CONNECTION DIAGRAM

Switch the power off when connecting any cables.



1. ANTENNA terminals
2. GND terminal
3. PHONO terminal
4. CD terminals
5. TAPE 1 terminals
6. TAPE 2/VIDEO SOUND terminals
7. SPEAKERS 1 terminals
8. SPEAKERS 2 terminals
9. COMPU LINK-1/SYNCHRO terminals
   Connect to JVC components provided with COMPU LINK-1/SYNCHRO terminals for the COMPU LINK control system function.
10. AM channel spacing switch**
    See "FRONT PANEL" section.
11. Fuse holder*
12. Voltage selector**
    When this equipment is used in an area where the supply voltage is different from the preset voltage, reset the voltage selector to the correct position.
13. AC OUTLETS (SWITCHED)
14. Power cord

* Not provided on units for the U.S.A., Canada, Continental Europe (RX-501BK), the United Kingdom and Australia.

** Not provided on units for the U.S.A., Canada, Continental Europe, the United Kingdom and Australia.

Notes:

- When connecting components, connect their left and right channels correctly. If channels are reversed, the stereo effect will be degraded.
- Connect speakers with the correct polarity: (+) to (+) and (−) to (−). Reversed polarity will degrade the stereo effect. Be careful to provent adjacent speaker wires from touching each other.
- Use speakers with the correct impedance. The correct impedance is indicated on the rear panel of the RX-501BK/RX-501LBK.
- The AC OUTLETS do not supply power when the power switch is turned off. Do not connect the power plugs of components which have a total power consumption exceeding the value indicated on the rear panel.
- Do not connect the remote cable when connecting the JVC cassette deck having COMPU LINK-1/SYNCHRO terminals to be the TAPE 2/ VIDEO SOUND terminals.
- When a JVC DAT deck having COMPU LINK-1/SYNCHRO terminals is used, be sure to connect it to the TAPE 2/VIDEO SOUND terminals and also connect the remote cable.
- Connect a turntables using a moving magnetic (MM) type cartridges to the PHONO terminals.

ANTENNAS

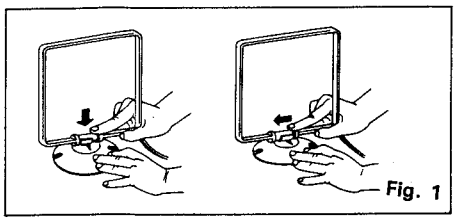


Fig. 1

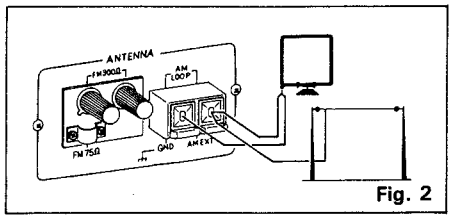


Fig. 2

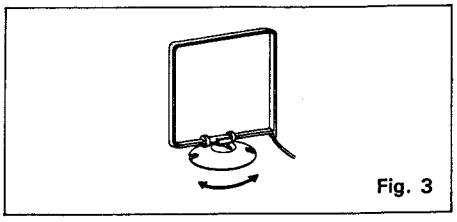


Fig. 3

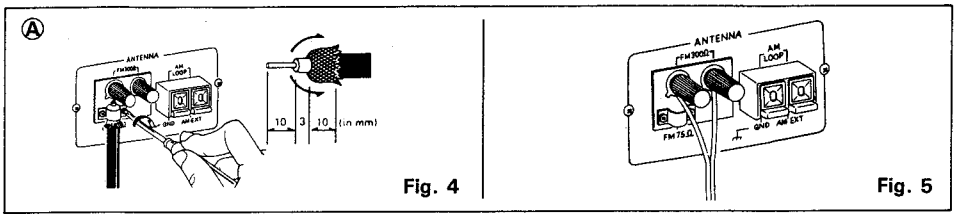


Fig. 4

Fig. 5

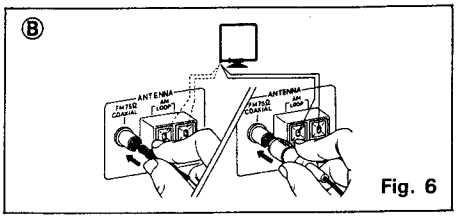


Fig. 6

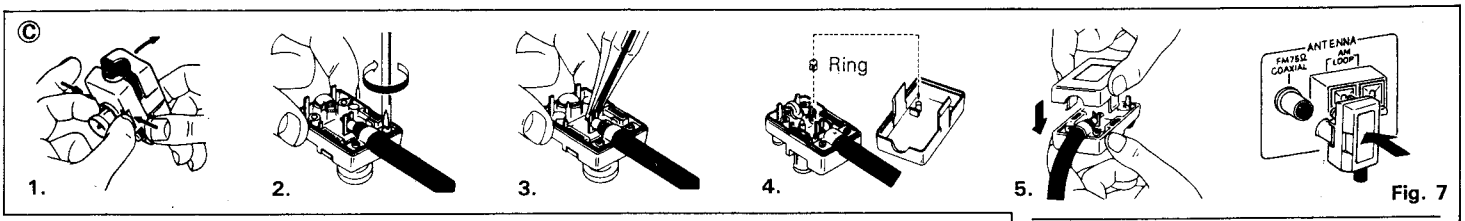


Fig. 7

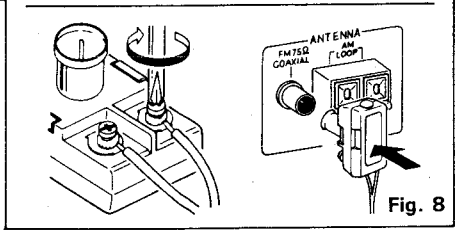


Fig. 8

AM (MW/LW) antennas

Figure 1: How to fix the AM (MW/LW) loop antennas

Figure 2: AM (MW/LW) loop antenna
This antenna is for the reception of local AM broadcasts.

Figure 2: AM (MW/LW) external antenna
If AM reception is unsatisfactory, connect an external AM antenna (singlwire antenna) to the AM ANTENNA terminal.

Figure 3: Noise and interference
Change the direction of the loop antenna, or re-install it in a better position if the reception is noisy.

Notes:
- If the provided loop antenna is not connected or an uninsulated antenna wire touches the rear panel, it will be impossible to receive AM broadcasts.
- When installing an external AM antenna, leave the AM loop antenna connected.

FM antennas

Ⓐ: Except for Continental Europe

Figure 4: 75-ohm antenna with coaxial
Loosen the screws on the bracket and insert the cable through the ring from below. Connect the stripped core to the upper terminal then tighten the ring. The ring is the antenna ground.

Figure 5: Feeder antenna
Connect to the 300-ohm terminal. Make sure the feeder antenna wires do not touch any other terminals.

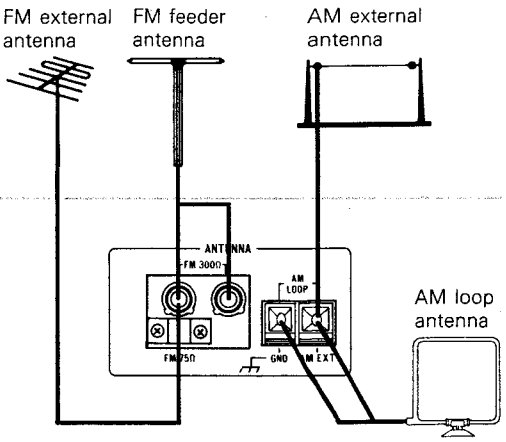
Ⓑ: For W. Germany

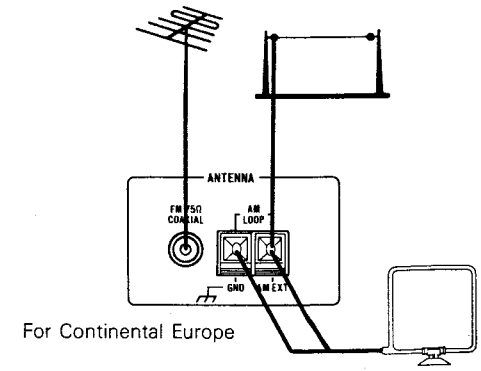
Figure 6: 75-ohm antenna with coaxial
- The FM wire antenna provided can be connected to a 75-ohm coaxial jack as a temporary measure.
- A 75-ohm antenna with coaxial type connector (DIN 45 332) should be connected to the 75-ohm terminal.

Ⓒ: For Continental Europe

Figure 7: 75-ohm antenna with coaxial
1. Remove the case by pressing both sides.
2. Fix the coaxial lead.
3. Tighten the stripped core.
4. Remove the ring.
5. Install the case.

Figure 8: 300-ohm antenna
Attach the feeder antenna to the FM connector as shown in the figure. Connect the FM connector to the FM 75-ohm COAXIAL terminal.



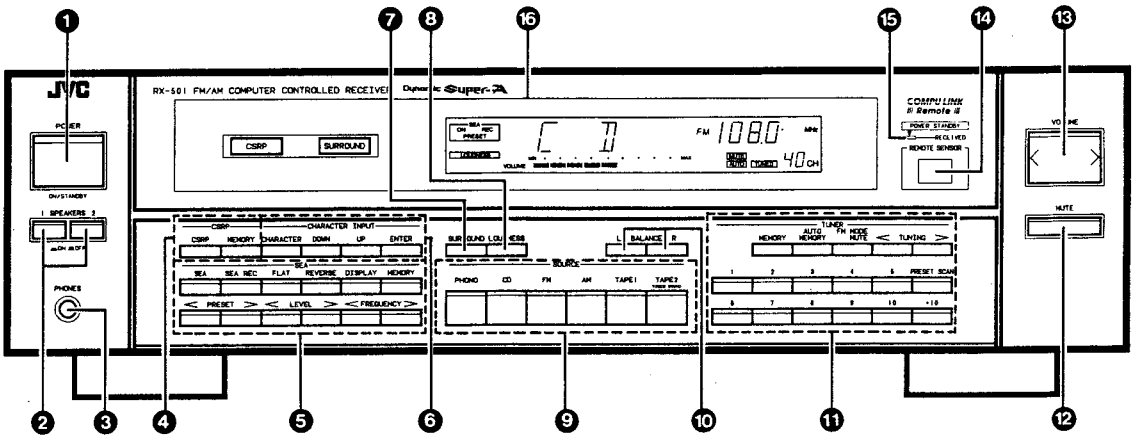


For Continental Europe

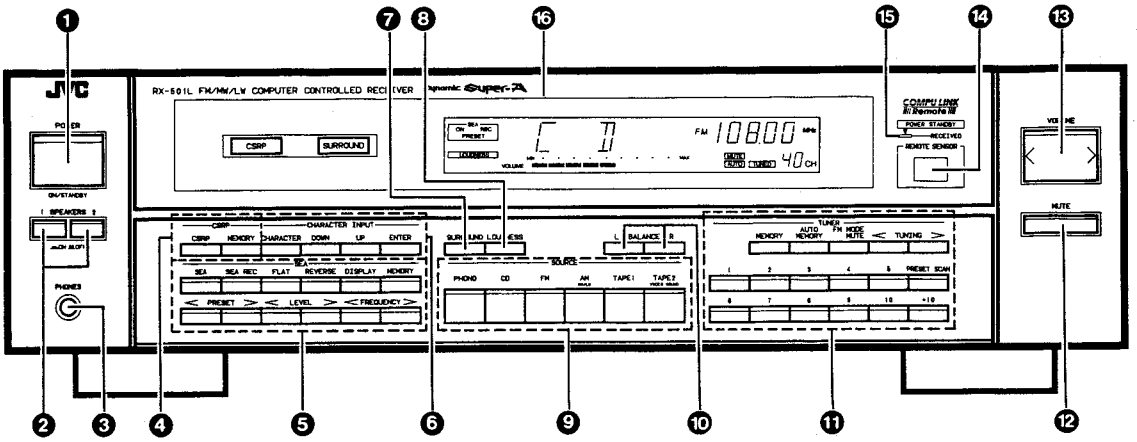
MC-Service

FRONT PANEL

RX-501BK



RX-501LBK



❶ POWER (ON/STANDBY)
ON: Press to turn the power on. To turn the power off, press it again.
STAND BY: When all of the indicators (other than the STAND BY) are turned off, the memory circuit operates and the preset stations and the source selectors are not subject to cancellation or accidental alteration as long as the power cord is plugged into an wall outlet. This situation is called the STAND BY mode. The preset data and the source select data are maintained even in the case of a power failure or when the power cord is disconnected, provided loss of power does not exceed a couple of days.
STAND BY indicator
Connecting the power plug to the wall outlet causes this indicator to light, indicating that the unit has been placed in the stand-by mode. The light of this indicator will go out when the powr button is turned on.

Note:
- Even when the POWER button is set to STAND BY, this receiver consumes a small amount of electricity (5 watts). To shut the power off completely, disconnect the power cord.

❷ SPEAKERS 1, 2
Turns speakers 1 and 2 ON or OFF.

❸ PHONES
Plug headphones into this jack. If you want to hear from the headphones alone, turn OFF speakers 1 and 2.

❹ CSRP
COMPU LINK SOURCE RELATED PRESET SYSTEM feature (CSRP)
CSRP: Turns the CSRP feature ON or OFF.
MEMORY: Stores CSRP data in memory.

❺ SEA
Use the following keys for the S.E.A. Graphic Equalizer:
SEA: Turns the S.E.A. ON or OFF.
SEA REC: Turns S.E.A. recording ON or OFF.
FLAT: Flattens S.E.A. characteristics.
REVERSE: Reverses polarity of the S.E.A. characteristics.
DIAPLAY: Displays S.E.A. patterns on the screen.
MEMORY: Stores an S.E.A. pattern in memory.
PRESET <,>: Calls an S.E.A. preset patterns.
LEVEL <,>: Set an S.E.A. level.
FREQUENCY <,>: Calls a frequency band to correct.

❻ CHARACTER INPUT
Use the following keys to assign titles or other data to the S.E.A. patterns or to TUNER channels you have preset:
CHARACTER: Sets the CHARACTER INPUT mode.
DOWN, UP: Press to select characters (letters, numerals, and symbols).
ENTER: Store created titles in memory.

❼ SURROUND
Turns the surround sound effect ON or OFF.

⑧ LOUDNESS
Turns LOUDNESS ON or OFF. The ON position makes up for loss of the human auditory sensation when the sound volume is low.

⑨ SOURCE
Use the following keys to select sources:

PHONO:	Press to listen to records.
CD:	Press to listen to CDs.
FM:	Press to listen to FM broadcasts.
AM (MW/LW):	Press to listen to AM (MW/LW) broadcasts.
TAPE 1:	Press to operate the tape deck connected to the TAPE 1 terminals.
TAPE 2/VIDEO SOUND:	Press to operate the tape deck or video equipment connected to the TAPE 2/VIDEO SOUND terminals. (alternates between ON and OFF)

⑩ BALANCE L, R
Adjusts the volume balance between the left and right speakers.

⑪ TUNER
Use the following keys to listen to AM (MW/LW) or FM broadcasts:

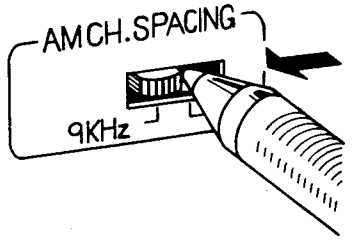
MEMORY:	Stores an AM (MW/LW) or FM frequency (station) on a preset channel.
AUTO MEMORY:	Stores an AM (MW/LW) or FM frequency on a preset channel using the AUTO MEMORY feature.
FM MODE/MUTE:	Selects FM reception modes.
TUNING <,>:	Tunes in an AM (MW/LW) or FM frequency.
1 – 10, +10 (Tuner numeric keys):	Press to select preset channels.
PRESET SCAN:	Press to scan preset channels in sequence.

AM channel spacing
AM channel spacing switch is provided on the rear panel to select between 9 kHz or 10 kHz steps depending on the area in which the receiver is used.
(Not provided on units for U.S.A., Canada, Australia, United Kingdom and continental Europe.)

Band / Area	FM	AM (MW)	AM (LW)
U.S.A., Canada	100 kHz	10 kHz	—
Europe, U.K.	50 kHz	9 kHz	1 kHz
W. Germany, Australia	50 kHz	9 kHz	—
Others area	50 kHz	9 kHz* or 10 kHz	—

Note: *Preset at the factory.

First, turn the power ON, press the FM button to set to the FM mode, then disconnect the power cord. Wait for a few seconds and switch over the AM channel spacing switch as shown in figure using the tip of a ballpoint pen.



⑫ MUTE
Turns sound ON or OFF temporarily.

⑬ VOLUME <,>
Adjusts the volume of sound from the speakers or headphones.

⑭ REMOTE SENSOR
Receives signals from the remote control unit.

⑮ RECEIVED and POWER STANDBY Indicator
Lights when signals are received from the remote control unit or when the machine is in the STANDBY mode.

⑯ Display and Indicator
Shows the operating status and the connected COMPU LINK equipment.

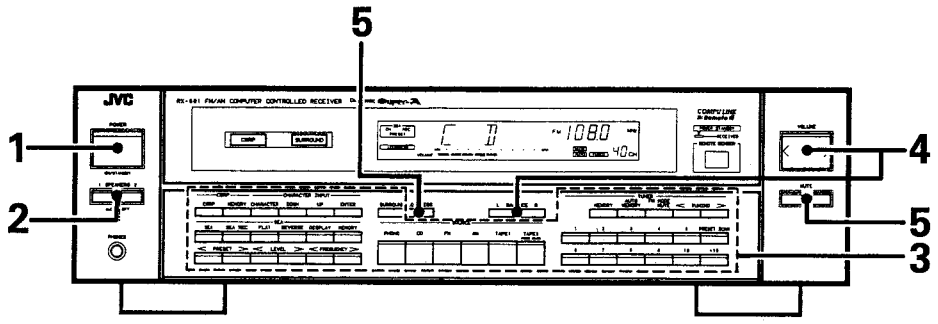
MC-Service

OPERATION

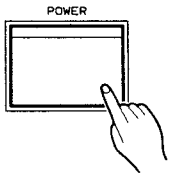
— Before Operating —

Before plugging the power cord into an AC outlet, check to be sure the individual components are connected correctly.

■ Basic operating procedures:

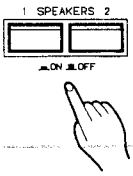


1. Turn the POWER switch to ON.



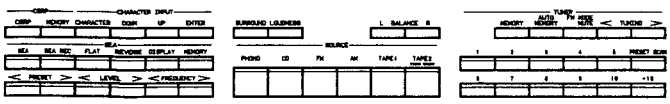
Note:
If a malfunction occurs when the power is ON, unplug the power cord and then plug it in again.

2. Select a speaker system by pressing one of the SPEAKERS keys.



Note:
If speakers are not connected to both SPEAKERS 1 and 2 terminals, do not turn ON both speaker systems as that would suppress sound output.

3. Operate these keys, as needed, by following the directions given further on.

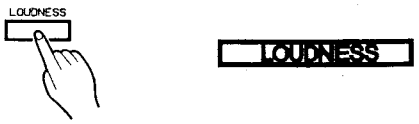


4. Adjust the VOLUME and BALANCE keys to your taste.

Note:
These keys vary their settings while they are being pressed. The display normally shows VOLUME. It will change to BALANCE for about 5 seconds when the BALANCE keys are pressed.

5. Press the LOUDNESS and MUTE keys as needed.

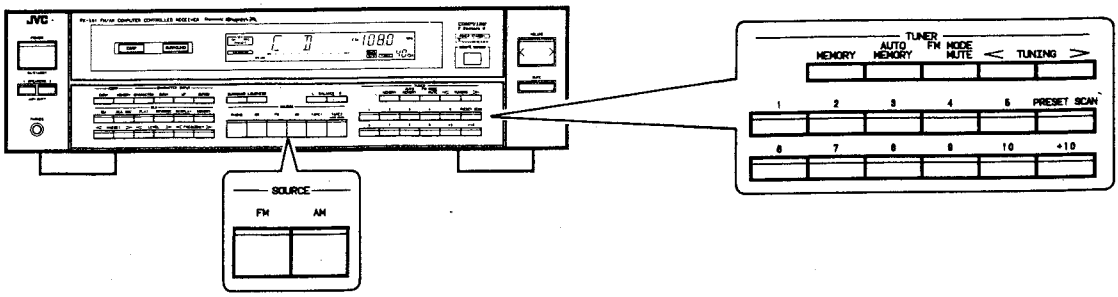
- Press to make up for loss of the human auditory sensation when the sound volume is low.



- Press to temporarily cancel sound output.

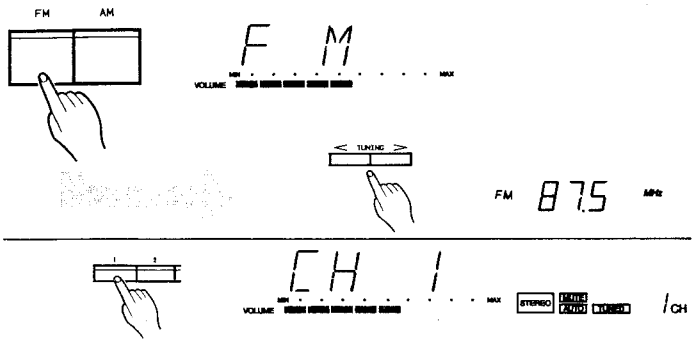
Note:
The MUTE key is reset when the VOLUME or BALANCE keys are pressed.

■ Listening to AM (MW/LW) or FM Broadcasts



Press the AM (MW/LW) or FM key and the TUNING keys to select a station, or press numeric keys to select a preset channel. (See "Presetting Stations")

〈If you select FM.〉



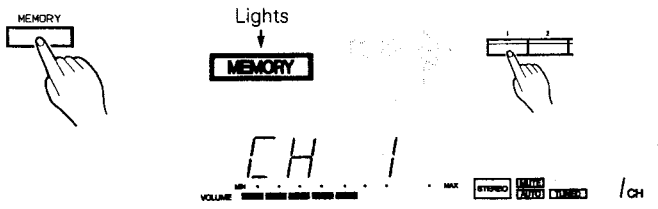
- The TUNED indicator will light when a station is turned in correctly. Adjust the antenna if the indicator does not light.
- While tuning in an FM station, press the MODE/MUTE key to light the MUTE/AUTO Indicator. This cuts out interstation noise while tuning. The STEREO indicator will light when an FM stereo station is tuned in correctly. If the FM stereo station is weak and noisy, press the MODE/MUTE key again to turn off the MUTE/AUTO indicator to improve reception (broadcast becomes monaural).

Note:
To select a station with the TUNING keys, press the FM or AM (MW/LW) key first. The setting will vary continuously while the keys are pressed and held. Auto-tuning starts when the keys are released and stops when a station is tuned. To halt auto-tuning, press a TUNING key.
When tuning reaches the upper limit of the LW frequencies, it automatically skips to the lower limit of the MW frequencies. The opposite may also occur.

— Presetting Stations —

You can preset a total of 40 AM (MW/LW) and FM stations (CH1 through CH40).

1. Tune in the desired station with the TUNING keys.
2. Press the MEMORY key to light its indicator. Enter the channel number with numeric keys while the indicator is on (for about 5 seconds).



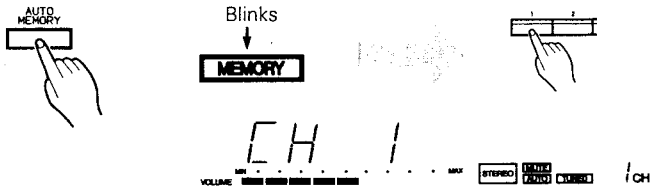
Note:
If the indicator turns off before you enter the channel number, press the MEMORY key again.

3. Repeat this procedure to preset other channels.

Auto-memory

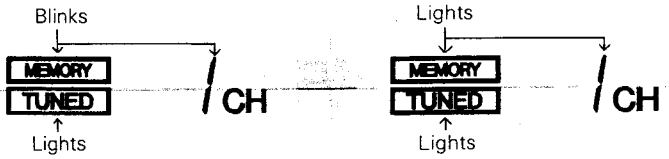
The auto-memory feature scans frequencies upward and presets stations as they are tuned, in ascending channel number order.

1. Using the TUNING keys, select the frequency from which you want auto-memory to start (the lower-limit frequency).
2. Press the AUTO MEMORY key to blink its indicator. Enter the starting channel number with the numeric keys while the indicator is blinking (about 5 seconds).



Note:
If the indicator stops blinking before you enter the channel number, press the AUTO MEMORY key again.

3. The auto-memory feature starts scanning frequencies upward. The TUNED indicator will light when a station is turned, with the channel number blinking (for about 5 seconds). The presetting is complete when the blinking MEMORY indicator and channel number become continuously lit. This continues until the upper-limit frequency is reached or all 40 channels are filled.



Note:
If you do not want to preset a station, resume scanning by pressing the AUTO MEMORY key while the channel number is blinking. To halt the auto-memory feature, press any TUNER key other than the AUTO MEMORY key.

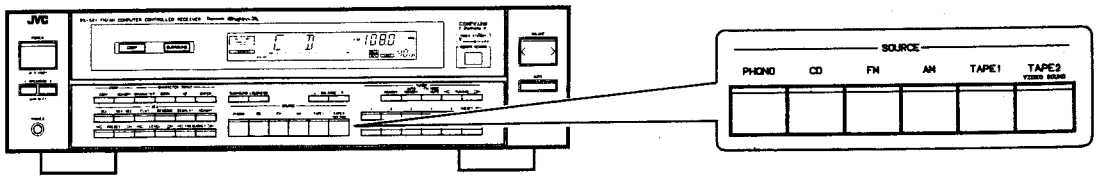
Using Numeric Keys
To indicate numbers 1 through 10, simply press the appropriate keys. To indicate numbers over 10, press the appropriate combination of keys.
Examples:
To indicate 17, press "+10", then "7".
To indicate 20, press "+10", then "10".
To indicate 26, press "+10" twice, then "6".
To indicate 40, press "+10" three times, then "10".

PRESET SCAN

The PRESET SCAN key is convenient for locating desired channels. When this key is pressed, the preset channels are scanned upward in sequence. Each channel is received for about 4 seconds while the corresponding channel number blinks. When the desired channel is located, press the PRESET SCAN key again to stop scanning. Scanning ends when one cycle of 40 channels is completed. The receiver returns to the station tuned in prior to the start of scanning.

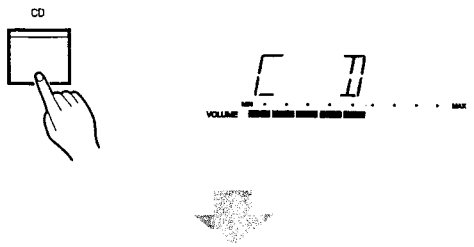
MC-Service

■ Playing Back Sources (PHONO, CD, TAPE 1, TAPE 2/VIDEO SOUND)



Press the SOURCE key for the desired source, and operate the corresponding equipment.

〈If you select CD〉



CD player can be operated

- Pressing the TAPE 2/VIDEO SOUND key will not change the display source indication, but the TAPE 2 MONITOR lights. To play another source, press the TAPE 2/VIDEO SOUND key again to turn off the indicator.

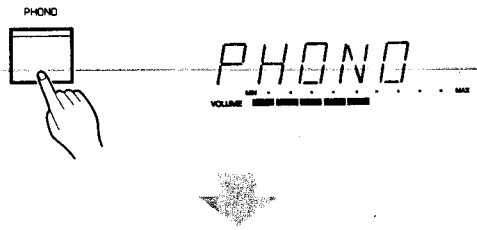
Note:
To operate other source equipment, refer to the appropriate instructions.

■ Recording

For recording, use the SOURCE keys as in "Playing Back Sources".

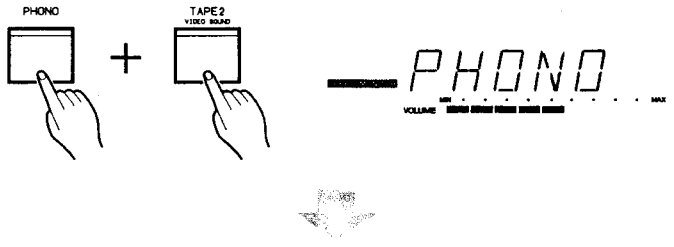
Press the SOURCE key for the desired source, and opeate the corresponding source equipment and tape deck.

〈If you select PHONO〉



Turntable and tape deck can be operated.

To monitor the recording by a three-head tape deck, connect the three-head tape deck to the TAPE 2/VIDEO SOUND terminals beforehand. Press the appropriate SOURCE key and the TAPE 2/VIDEO SOUND key, and operate the source equipment and three-head deck.



Turntable and three-head tape deck can be operated.

Note:
Set the recording level from the tape deck. It cannot be set with the VOLUME control of this machine.

— Dubbing Tapes —

Connect one tape deck to the TAPE 1 terminals, the other tape deck to the TAPE 2/VIDEO SOUND terminals.

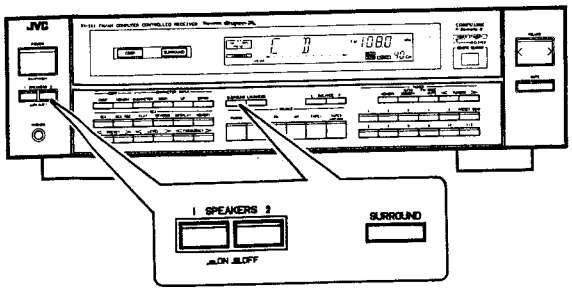
〈To record from TAPE 1 to TAPE 2/VIDEO SOUND〉

1. Press TAPE 1.
2. Play back the TAPE 1 deck and record with the TAPE 2/VIDEO SOUND deck.

〈To record from TAPE 2/VIDEO SOUND to TAPE 1〉

1. Press the TAPE 2/VIDEO SOUND key and a SOURCE key other than TAPE 1.
2. Play back the TAPE 2/VIDEO SOUND deck and record with the TAPE 1 deck.

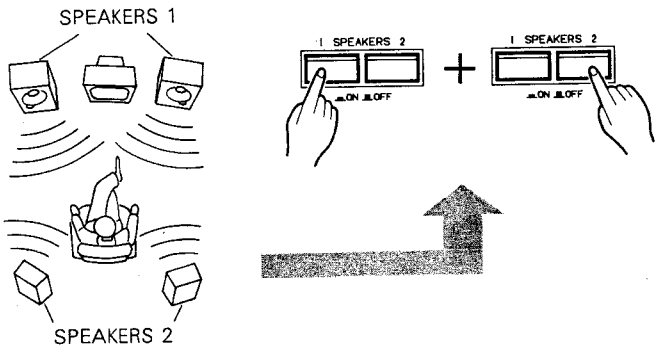
■ Playing Back with a Surround-sound Effect



Playing back a stereo source with the SURROUND key ON will produce a surrounding sound effect.

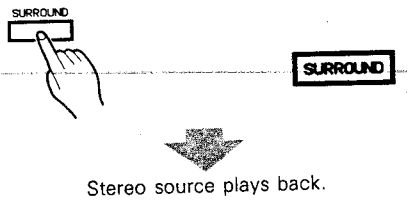
1. Connect speaker systems to the SPEAKERS 1 and 2 terminals and turn ON the SPEAKERS keys, 1 and 2.

〈Speaker layout example〉



Note:
A single speaker system can produce a surrounding sound effect by itself, but the use of two speaker systems is recommended for a more ideal surrounding sound effect.
If a speaker system with a low-rated input is connected to SPEAKERS 2, avoid using it independent of SPEAKERS 1, and pay attention to its VOLUME control during surrounding sound playback.

2. Press the SURROUND key to play back the source.

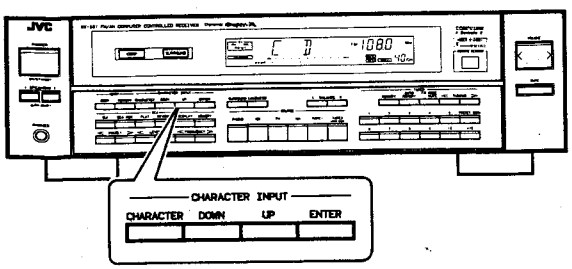


Stereo source plays back.

Note:
The surround sound is recorded as a normal stereo sound even if it is recorded with the SURROUND key ON. Monaural sources cannot be played back with the surround sound effect.

■ Entering Characters

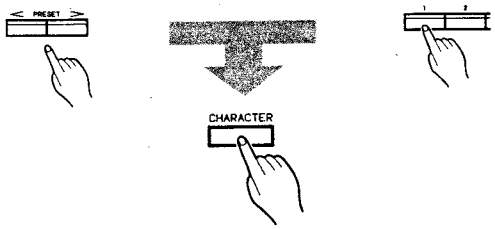
A four-character title or station name can be assigned to each S.E.A. preset pattern (SEA A to E) TUNER preset channel (CH 1 to 20).

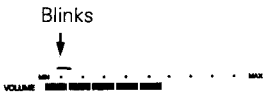


1. Specify a S.E.A. manual preset pattern (SEA A through E using the keys PRESET <and>), or a TUNER preset channel (using the numeric keys). Press the CHARACTER key.

〈To specify a S.E.A. pattern〉
Use the S.E.A. PRESET keys, <and>

〈To specify a Tuner Preset Channel〉
Use the numeric keys.



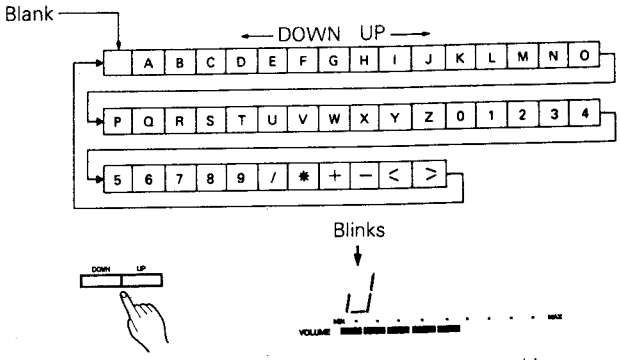


The cursor at the left blinks. If a character has already been entered, the character blinks.

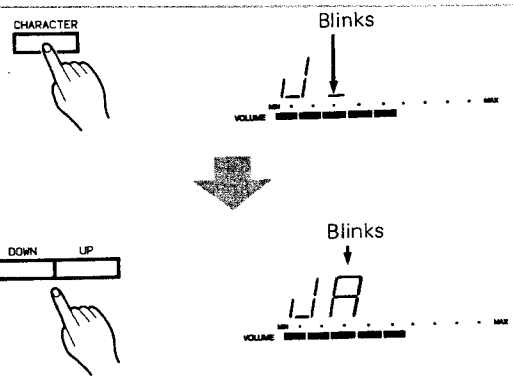
Note:
For details on S.E.A., see "Using the S.E.A. Graphic Equalizer."
When a preset S.E.A. pattern has been called, press the CHARACTER key while the pattern is displayed (about 3 seconds). If the display is cleared before you press the CHARACTER key, press either PRESET key.

2. Select the appropriate characters with the UP and DOWN keys.

Alphanumeric character order.



3. Press the CHARACTER key to move to the next position. Repeat steps 2 and 3 to enter up to 4 characters.



- To alter the characters, move the blinking cursor to the desired character for correction using the CHARACTER key.

4. When the entry is complete, press the ENTER key to store it in memory.

MC-Service

USING THE S.E.A. GRAPHIC EQUALIZER

The S.E.A. Graphic Equalizer breaks down the audible frequency range into seven bands. Each band of tones can then be adjusted as desired by the listener (±10dB in steps of 2dB on the basis of 0dB). You can customize the sound to your taste or ideally correct subtle frequencies to suit the acoustic characteristics of your listening room or conditions of audio equipment.

Frequency band responses

63 Hz: Raise to emphasize the very low base response of organs, drums, and contrabass. When used for emphasis, it produced stable and solid sound; when de-emphasized, eliminates unclear response at low frequencies.
160 Hz: Emphasize to obtain a more expanded low sound De-emphasize to eliminate unclear sound caused by large or nearly empty listening rooms.
400 Hz: This frequency range is the base on which music is constructed. Emphasize to put real punch in your music.
1 kHz: Most effective in emphasizing or de-emphasizing the human voice. Emphasize to cause the vocalist to be brought to the foreground, or de-emphasized to fade into the background.
2.5 kHz: The human hearing is most sensitive to this frequency. If the music sounds hard or metallic, de-emphasize it.
6.3 kHz: Boost to add clarity to winds and strings. This frequency band varies the tonal expression, influencing the subtleties of the music.
16 kHz: Boosting this frequency range suitably adds to delicacy of highs, with cymbals and triangles resounding in a more ear-pleasing manner, and provides a feeling of extension. This frequency band can also be used to compensate for cartridge response since most moving-magnet catridges have resonance peaks in the frequency range from 10 kHz to 20 kHz.

S.E.A. preset patterns

A total of 10 preset patterns can be used; 5 programmed preset patterns, and 5 manual patterns which you create (SEA A through E).

— Program pattern features —

These five S.E.A. patterns were preset at the factory to offer suggested settings for various types of audio programs. Each preset pattern is shown below. After recalling these patterns, you can further change each frequency hand to suit yourself. However, since they are representative patterns, the original, stored pattern will be unchanged.

HEAVY:
Used for music with a heavy beat, such as rock music. Low frequencies are emphasized to produce a deeper, more powerful sound. Higher frequencies are also emphasized to enhance and bring clarity to the highs, including the percussive notes.

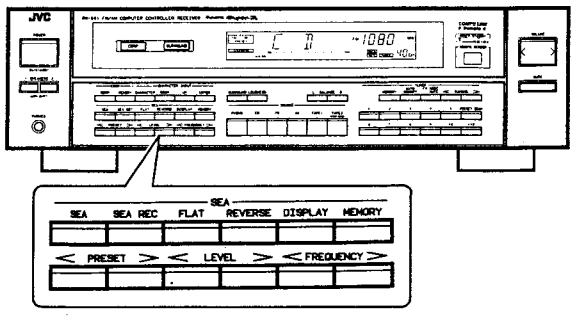
CLEAR:
For crisp, clear sound with transparent highs. The low and middle frequencies that lend to be unclear are de-emphasized, and the middle and high frequencies that strengthen the vocal component of the music are enphasized.

SOFT:
For background music. The very low frequencies, which need boosting at low volume levels, are emphasized, and the simulating effect of higher frequencies is diminished by de-emphasizing high frequencies.

MOVIE:
For TV, VCR, and videodisc sound. The low and high frequencies, which are usually of insufficient strength in the sound of these sources, are emphasized to produce a balanced, deeper sound. Also, the excessive brightness that is characteristic of these sources' sound is cut back by de-emphasizing the middle frequency band.

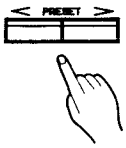
VOCAL:
For music that is chiefly vocal, or speech. The middle frequencies, which carry the human voice, are emphasized, while surrounding frequencies are reduced. To accent the higher vocal notes, the highest frequencies are also boosted.

S.E.A. Operation



1. Press the SEA key.

2. Call a preset pattern with the PRESET keys. (Bypass this operation if not using a preset pattern.)



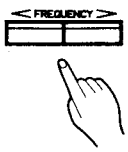
The PRESET indicator lights when a preset pattern has been called.

Order

< PRESET >
"SEA" – [SEA-A] – [SEA-B] – [SEA-C] – [SEA-D]
[SEA-E] – [HEAVY] – [CLEAR]
[SOFT] – [MOVIE] – [VOCAL]

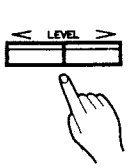
3. Press the FREQUENCY keys to call the desired frequency, and correct it with the LEVEL keys. (Bypass this operation if you are not changing the preset pattern called in step 2.)

Repeat this operation for each additional frequency desired.



Order

< FREQUENCY >
[63Hz] – [160Hz] – [400Hz] – [1kHz]
[2.5kHz] – [6.3kHz] – [16kHz]



Order

< LEVEL >
[–10dB] – [–8dB] – [–6dB] – [–4dB] – [–2dB] – [0dB]
[+2dB] – [+4dB] – [+6dB] – [+8dB] – [+10dB]

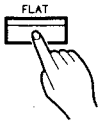
Note:
When a frequency has been called, press the LEVEL keys while the frequency is displayed (about 3 seconds). If the display is cleared before you press the LEVEL keys, it can be recalled by pressing other FREQUENCY key.

4. Press the SEA REC, FLAT, REVERSE, and DISPLAY keys as needed.

- Press the SEA REC key to record the sound corrected by S.E.A. on the tape deck connected to the TAPE 1 terminals.

S.E.A. recording is not available with the tape deck connected to the TAPE 2/VIDEO SOUND terminals. The SEA REC key is not functional when the SEA key is OFF, or when TAPE 1 is the source.

- Press the FLAT key to flatten the S.E.A. characteristics.



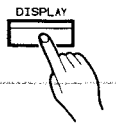
Pressing the FLAT key while a pattern is yet to be preset will clear it. Be careful not to press the FLAT key inadvertently.

- Press the REVERSE key to reverse the polarity of S.E.A. characteristics. Press again to return to the original polarity.

The S.E.A. pattern is displayed in ascending frequency after this display.

Pressing the REVERSE key while a frequency is displayed reverse its polarity, but the display stops and return to the original source indication.

- Press the DISPLAY key to display the current S.E.A. pattern in ascending frequency.



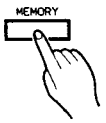
The S.E.A. pattern is displayed in ascending frequency order after this display (for a preset pattern, its title).

To stop the display, press DISPLAY again.

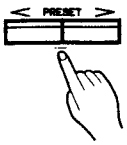
— Pressetting Manual Patterns —

Up to 5 of the S.E.A. patterns (SEA A through E) can be preset.

1. Create an S.E.A. pattern to preset as instructed in "Operation".
2. Press MEMORY key to blink its indicator. Call one of the patterns (SEA A through E) by pressing the PRESET keys while the indicator is blinking (about 5 seconds).



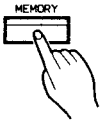
Blinks



Order < PRESET >
[SEA-A]–[SEA-B]–[SEA-C]–[SEA-D]–[SEA-E]

Note:
Press the MEMORY key again if the indicator stops blinking before you press the PRESET keys.

3. Press the MEMORY key again while the indicator is blinking (about 5 seconds). The presetting is complete when the blinking PRESET indicator becomes continuously lit. The preset pattern displays in ascending frequency.



Lights

Patterns are displayed in ascending frequency after this display.

Preset Pattern Frequency Responses (Unit: dB)

Frequency band / Preset pattern	63Hz	160Hz	400Hz	1kHz	2.5kHz	6.3kHz	16kHz
HEAVY	+10	+2	−2	0	0	+2	+4
CLEAR	+4	−4	0	+4	+2	+4	+6
SOFT	+2	0	0	0	0	−2	−6
MOVIE	+6	+2	0	0	−2	0	+2
VOCAL	−2	−2	+2	+4	+2	0	+2
SEA-A							
SEA-B							
SEA-C							
SEA-D							
SEA-E							

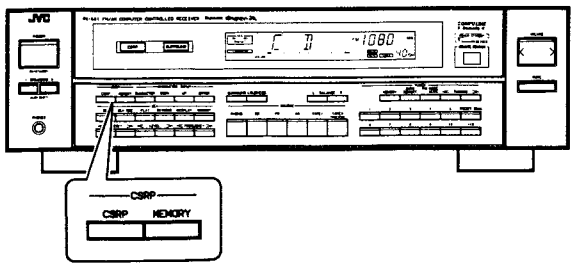
Note: To assign titles to the preset pattern, see "Entering Characters".

MC-Service

RUNNING THE CSRP (COMPU LINK SOURCE RELATED PRESET SYSTEM) FEATURE.

CSRP is the state-of-the-art electronic feature that presets volume, balance, and other control settings. This was previously done manually each time a different source was played back. This feature lets you invoke preset control settings by simply pressing the SOURCE keys without repeating many settings each time sources are changed.

Operation



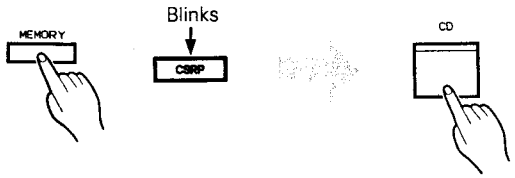
1. Before proceding, set the preset state.

The following controls can be preset on each SOURCE key (except TAPE 2/ VIDEO SOUND);

- •VOLUME
- •BALANCE
- •SEA ON/OFF
- •S.E.A. preset pattern
- •LOUDNESS ON/OFF
- •SURROUND ON/OFF

2. Press the MEMORY key to blink its indicator. Press the SOURCE key for the source to be preset (PHONO, CD, FM, AM, or TAPE1) while the indicator is blinking (about 5 seconds).

Repeat this operation for each additional source to be preset.



When the presetting is complete, the display will show preset data in the following order with the indicator blinking repidly;

VOLUME, LOUDNESS ON/OFF, SURROUND ON/OFF→BALANCE→ SEA ON→S.E.A. preset pattern

Note:

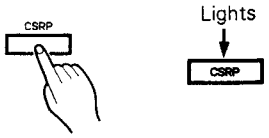
Press the MEMORY key again if the indicator blinking before you press a SOURCE key.

Sources can be preset regardless of whether the CSRP key is ON or OFF, but when a source to be preset with the CSRP key OFF, do not turn it ON until the presetting is complete. If the CSRP key were turned ON before the presetting is complete, the current data settings would be recalled to override the presetting in progress.

Even with the SEA key ON, the SEA PRESET indicator will blink when the MEMORY key is pressed if an S.E.A. preset pattern has not been previously selected. In this case, select an S.E.A. preset pattern and retry this operation.

Sources cannot be preset on the TAPE 2/VIDEO SOUND key.

3. With the CSRP key ON, data settings on each corresponding SOURCE key recall preset by selecting the source.



- When the CSRP key is turned ON or when the power is switched on with the CSRP key ON, the display will show the data settings on the currently selected SOURCE key in sequence with the indicator blinking rapidly. The blinking indicator changes to a continuously lit state when the display is complete. Subsequently, a similar display occurs each time an additional source is selected.

Note:

Though data settings as recalled can be changed with control keys as usual, preset data cannot be altered. To alter preset data, perform the operation described in 1.

COMPU LINK REMOTE CONTROL SYSTEM

JVC's exclusive "COMPU LINK" remote control system connects equipment with JVC COMPU LINK-1/SYNCHRO terminals to the remote control system. The equipment can be controlled from the remote control unit, or other functions (such as automatic source selection and synchronized recording can be used.

■ Equipment remote control

JVC Compu Link equipment functions that can be controlled remotely include.

CD player : PLAY, STOP, AUTO SEARCH, TRACK NO. SELECT
CD auto-changer : PLAY MODE (CONTINUE, PROGRAM, MAGAZINE PROGRAM), DISC NO. SELECT, TRACK NO. SELECT
Cassette deck : PLAY, STOP, MUSIC SCAN, DIRECTION, FAST FORWARD, REWIND, PAUSE, RECORD
DAT deck : PLAY, STOP, AUTO SEARCH, PROGRAM NO. SELECT, FAST FORWARD, REWIND, PAUSE, RECORD
Turntable : START, STOP

In addition, JVC's audio-visual equipment (such as VCRs, TVs, and surround processors) can be controlled remotely. For further details, see the remote control unit description in this manual.

■ Automatic source selection

Pressing SOURCE keys will automatically put the corresponding source equipment into the PLAY mode. When the PLAY key on source equipment is pressed, the corresponding SOURCE key is automatically set to that source. Other source equipment shuts down about 5 seconds later.

Note:
Automatic source selection does not work on the DAT deck connected to the TAPE 2/VIDEO SOUND terminals.

■ Synchronized recording

Synchronized recording permits a tape deck to start recording automatically in synchronism with a CD player or turntable. Set the tape deck in the REC/PAUSE mode and press the PLAY key on the CD player or turntable. The tape deck will enter the recording mode automatically, starting synchronized recording.
Synchronized recording stops automatically after the CD player or turntable has stopped and the tape deck has entered the REC/MUTE mode for about 4 seconds.

Notes:
- To set the REC/PAUSE mode, press the REC and the PAUSE key at the same time. Synchronized recording is disabled if the PAUSE key is pressed after the REC and the PLAY key are pressed simultaneously. For details, refer to the tape deck manual.
- If the power for any connected equipment is shut off during synchronized recording, the system will not operate properly. In this case you must start all over again.
- During synchronized recording the SOURCE key will lock in either the CD of PHONO position. This is to prevent you from accidentally stopping the recording or changing to any other source. To change to another source you must first stop synchronized recording.
- You cannot switch the CSRP ON and OFF during synchronized recording.
- If you connect a cassette deck to the TAPE 2/VIDEO SOUND terminals, disconnect the remote control cable and do not use synchronized recording.
- If you program track numbers on a CD player or CD auto-changer and use synchronized recording, a blank space about 4 seconds long will be left between recordings. This permits music scanning.

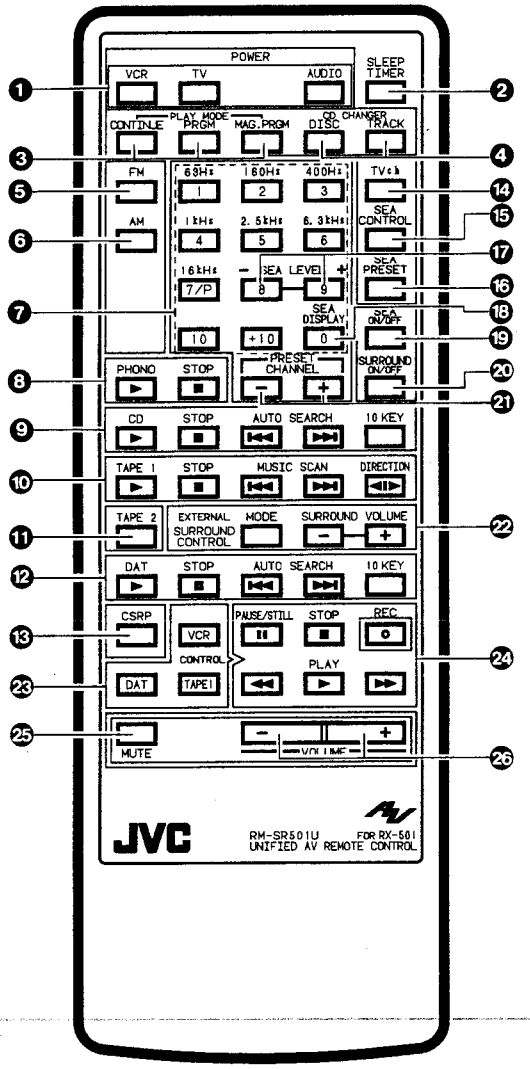
Display examples
When using the remote control unit to operate equipment which has the COMPU LINK-1/SYNCHRO terminals, the name of the source and the operating mode will appear on the display.

Symbol	▶	❚❚	■	◀◀	▶▶	⏮	⏭
Indication							
"REC/PAUSE" mode	DAT / TAPE REC						
During "recording"	DAT / TAPE REC						

MC-Service

REMOTE CONTROL UNIT (RM-SR501U)

RM-SR501U



❶ **POWER**
AUDIO: Press to change the power for the RX-501BK/RX-501LBK to ON or STANDBY.
TV: Press to change the TV power to ON or OFF.
VCR: Press to change the VCR power to ON or OFF.

❷ **SLEEP TIMER**
Use the control when you want to set the SLEEP TIMER.

❸ **PLAY MODE**
Use these keys when operating a CD auto-changer.
CONTINUE: Play CDs in sequence.
PRGM: Play a CD in a programmed sequence.
MAG. PRGM: Play a magazine program.

❹ **CD CHANGER**
DISC: Press to set numeric keys in the CD autochanger disc number mode.
TRACK: Press to set numeric keys in the CD autochanger track number mode

❺ **FM**
Press to listen to FM broadcasts.

❻ **AM**
Press to listen to AM broadcasts.

❼ **Numeric keys (0, 1 through 10, +10)**
Use to select following numbers.
- FM/AM (MW/LW) preset channel numbers
- CD auto-changer disc and track numbers
- CD player track numbers
- DAT deck tune numbers
- TV channel numbers

63 Hz – 16 kHz: Frequency is displayed when S.E.A. is used.

❽ **PHONO**
PHONO (▶): Use to change the source to PHONO and start playing a record.
STOP (■): Use to stop playing a record.

❾ **CD**
CD (▶): Use to change the source to CD and start playing a CD.
STOP (■): Use to stop playing a CD.
AUTO SEARCH:
(⏮): Use to go to the beginning of the previous track.
(⏭): Use to go to the beginning of the next track.
10 KEY: Press to set numeric keys in the CD player track number mode.

⑩ **TAPE 1**
TAPE (▷): Use to change the source to TAPE 1 and begin playing back a cassette deck tape.
STOP (□): Use to stop the cassette deck.
MUSIC SCAN:
(⏮): Use to go to the beginning of the previous tune.
(⏭): Use to go to the beginning of the next tune.
DIRECTION (⇄): Use to change the director of the tape.

⑪ **TAPE 2**
Press when you want to playback or monitor the recording on a tape deck connected to the TAPE 2/VIDEO SOUND terminals, or when you want to play back a tape on video equipment. Pressing this key turns the equipment ON or OFF.

⑫ **DAT**
DAT (▷): Use to play back a DAT deck tape.
STOP (□): Use to stop the DAT deck.
AUTO SEARCH:
(⏮): Use to go to the beginning of the previous tune.
(⏭): Use to go to the beginning of the next tune.
10 key: Press to set numeric keys in the DAT deck tune number mode.

⑬ **CSRP**
Turns CSRP ON or OFF.

⑭ **TV ch**
Use the numeric keys to select TV channel modes.

⑮ **SEA CONTROL**
Press to operate S.E.A. Use the numeric keys to control the S.E.A. operation modes.

⑯ **SEA PRESET**
Use to select S.E.A. preset patterns.

⑰ **SEA LEVEL (– 8 , + 9)**
Use to set the S.E.A. level.

⑱ **SEA DISPLAY**
Use to display the S.E.A setting.

⑲ **SEA ON/OFF**
Turns the S.E.A. feature ON or OFF.

⑳ **SURROUND ON/OFF**
Turns the SURROUND effect ON or OFF.

㉑ **PRESET CHANNEL (– , +)**
Increments (+) or decrements (–) the AM/FM preset channel or the TV channel numbers.

㉒ **EXTERNAL SORROUND CONTROL**
Operates the surround processor (optional).
MODE: Press to select the SURROUND mode.
SURROUND VOLUME: Adjusts the volume of the surround processor.

㉓ **CONTROL**
VCR: Press to run a VCR.
DAT: Press to run a DAT deck.
TAPE 1: Press to run the TAPE 1 cassette deck.

㉔ **VCR/DAT/TAPE 1 controls**
These keys operate the equipment selected with the CONTROL key.
PAUSE/STILL (⏸): Stops play back, sound recording, and video recording temporarily. Press the PLAY key to release this control.
STOP (□): Stops the operation selected.
REC (●): Starts sound and video recording when pressed together with the PLAY key. When pressed together with the PAUSE/STILL key, sound and video recording are placed in standby.
(⏪): Fast winds the tape in a cassette deck to the left. Rewinds a DAT deck and VCR tapes.
PLAY (▷): Plays the tape.
(⏩): Fast winds the tape in a cassette deck to the right. Fast forwards DAT deck and VCR tapes.

㉕ **MUTE**
Turns sound ON or OFF temporarily.

㉖ **VOLUME (–, +)**
Use to adjust the volume of sound from the speakers or headphones.

■ Inserting Batteries in the Remote Control Unit

The RM-SR501U remote control units require two size AA/UM-3/R6 (1.5V) batteries.

Figure 1:
Remove the rear cover of the remote control unit.

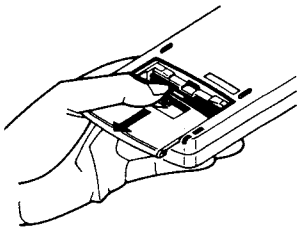


Figure 2:
Insert the batteries.

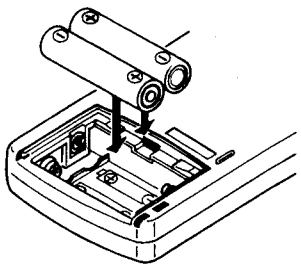
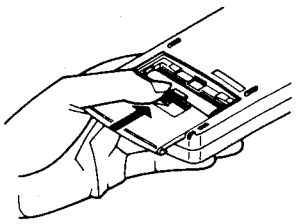


Figure 3:
Re-attach the rear cover in the original position.



Important Notes About Batteries

- If the range of the remote control unit seems shortened, the batteries may be old. Try inserting new batteries.
- Observe the polarity of batteries when loading them.
- Do not use one new battery with one old battery.
- Be sure to use batteries of the same brand. Batteries may vary in voltage even though they lock alike.
- If the remote control unit will not be used for a long time, remove the batteries.

CAUTION:
Do not heat batteries or attempt to dispose of them by burning.

MC-Service

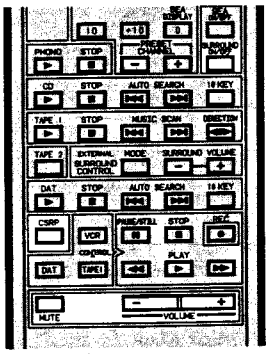
OPERATION WITH THE REMOTE CONTROL UNIT (RM-SR501U)

- The RM-SR501U remote control units control the RX-501BK/RX501LBK and JVC's audio visual gear from a remote place via the Compu Link Remote Control System.
- Direct the transmitter window of the remote control unit at target equipment within a distance of 7 meters. Take care to avoid obstacles between the transmitter and the target. Press keys slowly and positively, making sure the desired functions result.
- The key markings on the transitter may not match those on the equipment. Check the markings.
  The remote control units cannot control equipment functions they do not support. Older equipment may not be receptive to their input.
- Check for connection of the COMPU LINK-1/SYNCHRO terminals on the remote equipment by a remote cable.
- The operation of each key on the remote control unit is clearly displayed on the RX-501BK/RX-501LBK.
  For specific procedures, refer to the instructions for the particular equipment.
- Switch on the power to all the equipment required before starting operation. The POWER key on the RM-SR501U can switch on the power to the AUDIO (RX-501BK/RX501LBK), TV, and VCR.

■ Operating the RX-501BK/RX-501LBK and other Source Equipment

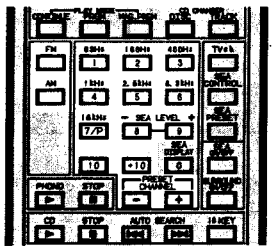
- Aim the signals the REMOTE SENSOR on the RX-501BK/RX-501LBK.

Using the VOLUME, MUTE, CSRP, and SURROUND ON/OFF Keys.



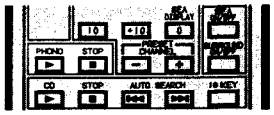
- VOLUME −, +
  Adjust the volume by processing the minus key to lower the sound and the plus key to raise the round.
- MUTE
  Press ON to turn off the sound temporarily. Press again to OFF, or operate the VOLUME key, to turn on the sound again.
- CSRP
  Press to operate CSRP. Press again to turn CSRP off.
- SURROUND ON/OFF
  Press to get surround playback. Press again to turn it off.

Listening to FM/AM (MW/LW) Broadcasts



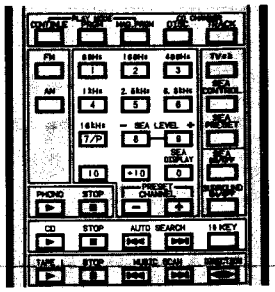
1. Press the FM or AM key to select the source.
2. Use the numeric keys and PRESET CHANNEL keys to select the preset channel mode on the TUNER. The numeric keys are used in the same way at the TUNER numeric keys on the equipment. For reference, see "Listening to AM or FM Broadcasts" under the section OPERATION at the beginning of this instructions.

Listening to Records



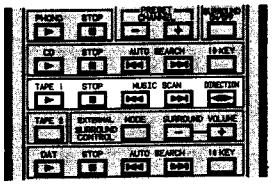
1. Press the PHONO ▶ key to start playing a record.
2. Press the STOP ■ key to stop the record.

Listening to CDs



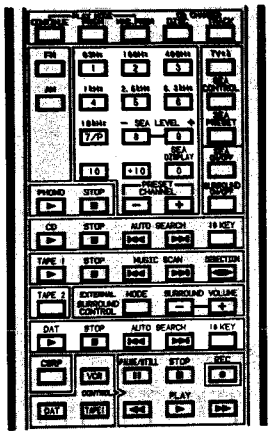
1. Press the CD ▶ key in start playing a CD.
2. Press the STOP ■ key to stop the CD.
   Use the AUTO SEARCH ⏮ and ⏭ keys to go to the beginning of other channels. Press the 10 KEY key to set numeric keys in the CD track number mode. The operation of these keys may vary according to the CD player you use, so be sure to refer to the CD player instructions.

Using a Cassette Deck



1. Press the TAPE 1 ▷ key to start the cassette deck.
2. Press the STOP ■ key to stop the cassette deck. Use the MUSIC SCAN ⏮ and ⏭ keys to go to the beginning of other channels. Use the DIRECTION ⇄ key to change the direction of the tape.

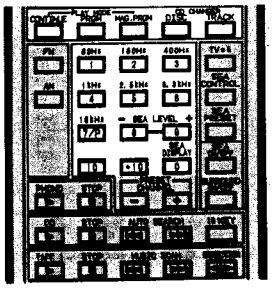
Listening to DAT



1. After pressing the TAPE 2 key, press the DAT ▷ key to start the DAT deck. The TAPE 2 MONITOR indicator will light up.
2. Press the STOP ■ key to stop the DAT deck. Use the AUTO SEARCH ⏮ and ⏭ keys to go to the beginning of other channels. Press the 10 KEY key to set numeric keys in the DAT tune number mode. The operation of these keys may vary according to the DAT deck you use, so be sure to refer to the DAT deck instructions.

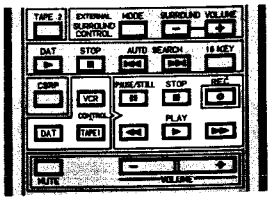
Note:
When the DAT deck is not in use, press the TAPE 2 key again to turn it OFF.

Using the CD Autochanger



1. Select a play mode by pressing the PLAY MODE CONTINUE, PRGM, or MAG.PRGM key.
2. Press the DISC key to use muneric keys for entering disc numbers. Select a disc number with the 1 to 7/P keys.
3. Press the TRACK key to use numeric keys for entering track numbers. Select a track number with the 1 to 10, +10, and 0 keys. The numeric keys and the play modes vary in function from one type of CD auto-changer to another. Be sure to read the CD auto-changer's instructions.

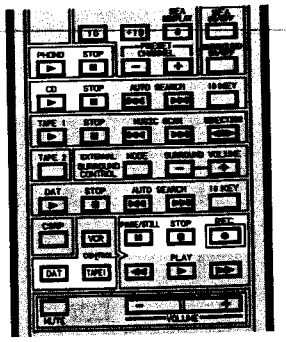
Using the CONTROL keys



Use the following keys to operate a VCR, DAT deck, or cassette deck.
1. Press VCR, DAT or TAPE1 to select the equipment you wish to operate.
2. Use the VCR, DAT, or TAPE 1 control keys to select the operation you wish. Refer to the section "㉔VCR/DAT/TAPE 1 Control" for the REMOTE CONTROL UNIT, and to the instructions for each type of equipment be fore operating these keys.

Note:
When operating a VCR be sure to aim the remote control unit at the VCR. When you set a cassette deck or DAT deck to the recording mode, the DAT/TAPE REC indicator will light up for about 3 seconds.

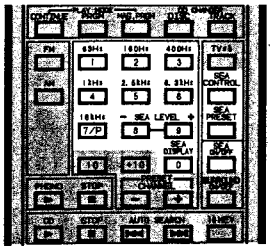
Using Synchronized Recording



1. Press the TAPE1 key.
2. Press the REC ● and PAUSE/STILL ⏸ keys simultaneously to place the tape deck in the REC/PAUSE mode.
3. Press the PHONO ▷ or CD ▷ key to start synchronized recording
4. Press the STOP ■ key to stop synchronized recording.

MC-Service

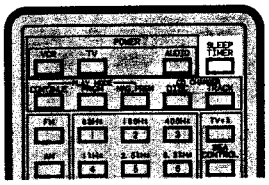
Using a S.E.A. graphic equalizer



1. Press the SEA ON/OFF key.
2. Select preset pattern with the SEA PRESET key. The pattern will change in the following order each time the SEA PRESET key is pressed:
   [SEA-A]→[SEA-B]→[SEA-C]→[SEA-D]→[SEA-E]→[HEAVY]→[CELAR]→[SOFT]→[MOVIE]→[VOCAL]
3. To correct a frequency, press the SEA CONTROL key, call the frequency with the 63 kHz [1] to 16 kHz [7/P] keys, and correct the frequency with the SEA LEVEL − [8] and + [9] keys.
4. Press the SEA DISPLAY key and the current S.E.A. pattern will be displayed in ascending frequency order.

Note:
See "Using the S.E.A. graphic equlizer" in the Operation section.

Using the Sleep Timer

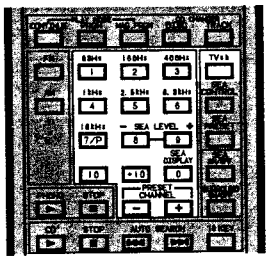


The sleep timer shuts off the RX-501BK/RX-501LBK (to enter the STANDBY mode) when the preset time intervals have elapsed.
Press the SLEEP TIMER key to set the timer setting mode. Each time the SLEEP TIMER key is pressed subsequently, the timer can be set up to 80 minutes, in 10-minute multiples. The preset time and the elapsed time are shown on the display.

■ Operating other Equipment

Aim signals at the equipment to be operated.

Selecting a TV Channel

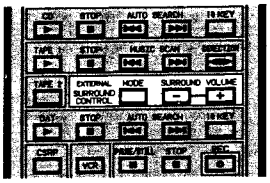


1. Press the TV ch key. The numeric keys and the PRESET CHANNEL keys enter the TV channel mode.
2. Select a TV channel with the numeric keys or the PRESET CHANNEL keys (−, +). The numeric keys vary in operation from one type of TV to another.

   〈Example〉
   4: Press [4] . Or, press [0] then [4] .
   13: Press [1] then [3] .

   Read the instructions accompanying the particular TV.

Using the Surround Processor (optional)



1. The SURROUND mode is selected when the MODE key is pressed.
2. Adjust the surround processor volume with the SURROUND VOLUME (−, +) keys.

Note:
Connect the surround processor to the TAPE 2/VIDEO SOUND terminals. For cabling and operating instructions, refer to the instructions for the surround processor.

TROUBLESHOOTING

What appears to be a malfunction is not always serious.
First be sure to check basic adjustments.

No sound and no Illumination.
Is the AC plug connected properly?
No sound from the speakers.
Are the speaker cords connected?
Are the SPEAKERS buttons pressed?
Sound from one speaker only.
Are both speaker cords connected?
Is the BALANCE control set to one extreme or the other?
Continuous hiss or buzzing during FM reception.
The incoming signal may be to weak.
Use the correct antenna.
Occasional crackling noise during FM reception.
This may be automobile ignition noise. Move the antenna as far away from the road as possible.
Loud hum during record playing.
Is the turntable grounded?
Try to change the cord path.
Howling during record playing.
Is the turntable too close to a speaker?

SPECIFICATIONS

RX-501BK/RX-501LBK

AMPLIFIER SECTION

Output power : **65 watts per channel, min, RMS, both channels driven, into 8 ohms from 20 Hz to 20 kHz, with no more than 0,015% total harmonic distortion.**
65 watts per channel, min, RMS, both channels driven, into 8 ohms at 1 kHz (DIN).
65 watts per channel, min, RMS, both channels driven, into 8 ohms at 1 kHz with no more than 0.015% total harmonic distortion.

Total harmonic distortion : 0.015% at 65 watts (1 kHz 8 ohms)

Intermodulation distortion : 0.015% at 65 watts

Input sensitivity/ Impedance
- PHONO : 2.5 mV/47 kohms
- CD : 200mV/47kohms
- TAPE 1 PLAY
- TAPE 2/VIDEO
- SOUND PLAY

Recording output level : 200mV

Frequency response
- PHONO (RIAA equalization) : 20 Hz — 20 kHz, ±0.5 dB
- CD, TAPE 1 PLAY, TAPE 2/VIDEO, SOUND PLAY : 10 Hz — 50 kHz, ± 1 dB

S.E.A. graphic equalizer
- Center frequencies : 63 Hz, 160 Hz, 400 Hz, 1 kHz, 2.5 kHz, 6.3 kHz, 16 kHz
- Control range : +10dB ±1dB, −10dB ±1dB

Signal-to-noise ratio
- PHONO : 71 dB ('66 IHF) 66dB (DIN) 78dB ('78 IHF, Rec out)
- CD, TAPE 1 PLAY, TAPE 2/ VIDEO SOUND PLAY : 91dB ('66 IHF) 67dB (DIN) 77 dB ('78 IHF)

FM TUNER SECTION

	IHF	DIN (For Europe)
Tuning range	87,5 MHz— 108.0 MHz	87.5 MHz— 108.0 MHz
Usable sensitivity	Mono 10.8 dBf 0,95 μV/ 75 ohms 1.9 μV/ 300 ohms	—
26 dB quieting sensitivity		1.5 μV/ 75 ohms 3 μV/ 300 ohms
50 dB quieting sensitivity	Mono 16.3 dBf (1.8 μV/ 75 ohms 3.6 μV/ 300 ohms	—
	Stereo 38.3 dBf (22.5 μV/ 75 ohms 45 μV/ 300 ohms	—
S/N 46 dB stereo sensitivity	—	Stereo 23 μV/ 75 ohms
Signal-to-noise ratio (at 98 MHz 85 dBf)	Mono 82 dB Stereo 73 dB (IHF-A)	Mono 72 dB Stereo 64 dB (weighted)
Total harmonic distortion (1 kHz)	Mono 0.15% Stereo 0.2%	Mono 0.1% Stereo 0.3%
Frequency response	30 Hz—15 kHz, +0.5 dB, −3dB	
Capture ratio	1.5 dB	
Selectivity	60dB ±400 kHz	55dB ±300 kHz
IF response ratio	85dB at 98MHz	
Stereo separation	40dB at 1kHz	40dB at 1kHz

AM TUNER SECTION

MW **EIA**

Tuning range

Area	Channel Space 9kHz	Channel Space 10kHz
U.S.A. Canada	—	530kHz ~ 1710kHz
Continental Europe U.K.	522kHz ~ 1629kHz	—
Italy	522kHz ~ 1629kHz	—
Australia	522kHz ~ 1629kHz	—
Other area	522kHz ~ 1629kHz	530kHz ~ 1630kHz

Sensitivity
- Loop antenna : 300μV/m*
- Externalantenna : 30μV*

Signal-to-noise ratio : 50dB* (100 mV/m)

Selectivity : 38dB, ±10kHz, 35dB, ±9kHz*

Image response ratio : 40dB*

IF response ratio : 60dB

Total harmonic distortion : 0.5%* (100 mV/m)

LW (RX-501LBK only)

Tuning range

Area	Channel Space 1kHz
U.S.A. Canada	—
Continental Europe U.K.	144kHz ~ 353kHz
Italy	144kHz ~ 290kHz
Australia	—
Other area	—

Sensitivity
- Loop antenna : 600μV/m at 245 kHz
- External antenna : 100μV at 245 kHz

Signal to noise ratio (100 mV/m) : 50dB at 245 kHz

Selectivity : 40dB±9kHz at 245kHz

GENERAL

Dimensions (WxHxD) : 17-3/16"x5"x13" (435x127x330mm)

Weight : 15lbs (6.8 kg)

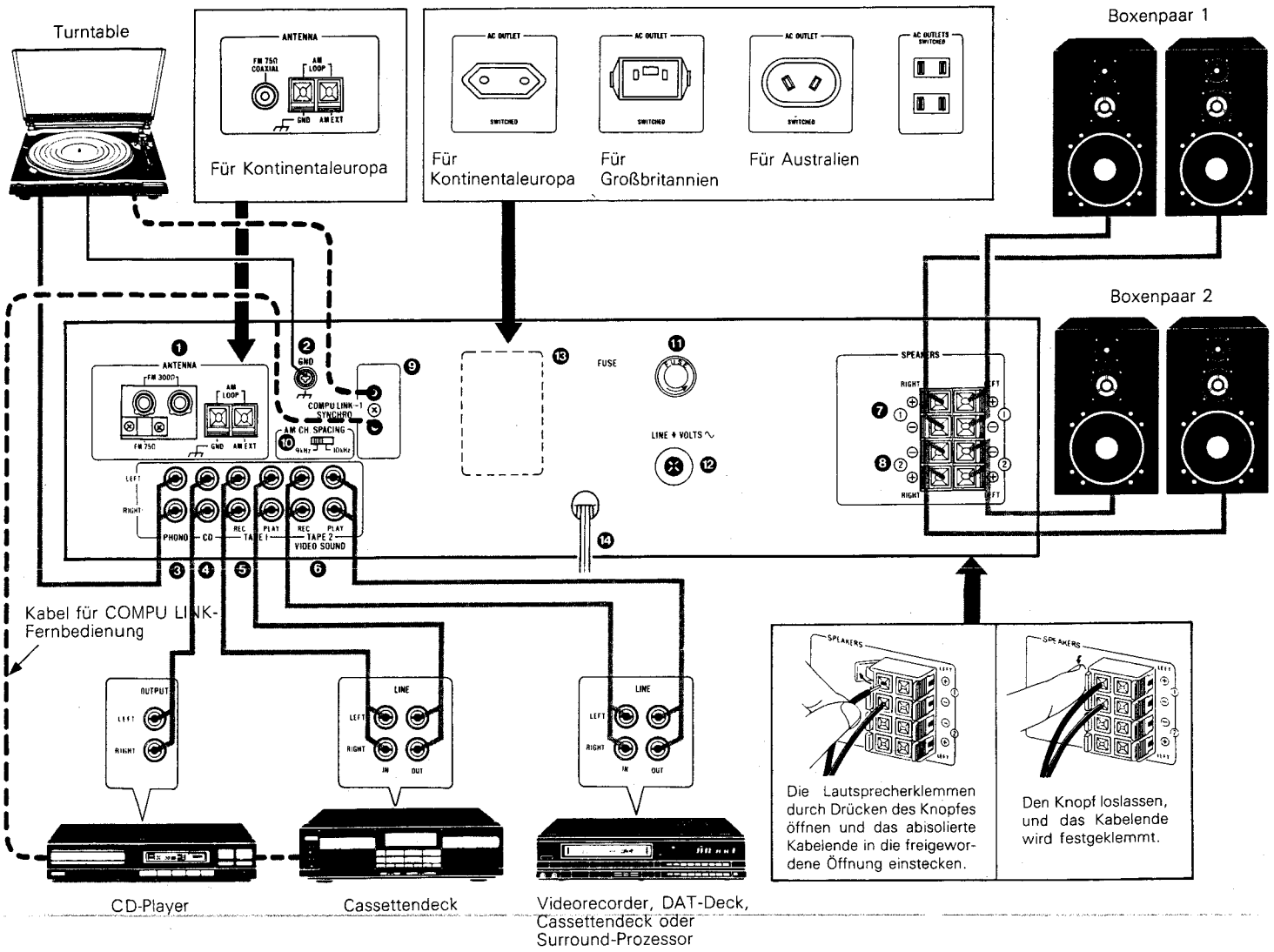
* Measured at 1,000 kHz or 999 kHz.

Design and specifications subject to change without notice.

MC-Service

ANSCHLUSSDIAGRAMM

Wenn Verbindungen hergestellt werden, sollen immer alle Geräte ausgeschaltet sein.



❶ Antennenbuchsen ANTENNA
❷ Masseklemme GND
❸ PHONO-Buchsen
❹ CD-Buchsen
❺ TAPE 1-Buchsen
❻ TAPE 2/VIDEO SOUND-Buchsen
❼ Lautsprecherklemmen SPEAKERS 1
❽ Lautsprecherklemmen SPEAKERS 2
❾ Buchsen COMPU LINK-1/SYNCHRO
Hier werden JVC-Bausteine mit COMPU LINK-1/SYNCHRO Buchsen für das COMPU-LINK-Steuersystem angeschlossen.
❿ MW/LW-Kanalrasterschalter**
Siehe Kapitel "Vorderseite".
⓫ Sicherungshalter*
⓬ Spannungswahlschalter**
Hier werden JVC-Bausteine mit COMPU LINK-1/SYNCHRO Buchsen für das COMPU-LINK-Steuersystem angeschlossen.
⓭ Gerätenetzbuchsen (AC OUTLETS) (Geschaltet)
⓮ Netzkabel

* Nicht bei Modellen für die USA, Kanada, Kontinentaleuropa (RX-501BK), Großbritannien und Australien vorhanden.
** Nicht bei Modellen für die USA, Kanada, Kontinentaleuropa, Großbritannien und Australien vorhanden.

Hinweise:

- Beim Anschluß von anderen Geräten immer den linken und rechten Kanal richtig anschließen. Wenn die Kanäle vertauscht werden, wird der Stereoeffekt beeinträchtigt.
- Lautsprecherboxen immer mit der richtigen Polarität anschließen: (+) an (+) und (−) an (−). Falsche Polarität beeinträchtigt die Klangqualität und Stereowirkung. Immer darauf achten, daß sich keine benachbarten Lautsprecherkabel berühren.
- Immer Lautsprecher mit der richtigen Impedanz verwenden. Die richtige Impedanz ist an der Rückseite des RX-501BK/RX-501LBK angegeben.
- Beim RX-501BK liegt kein Strom an der Gerätenetzsteckdose an, wenn er ausgeschaltet ist. Keine komponenten anschließen, deren Gesamt-Leistungsaufnahme den an der Rückplatte angegebenen Wert überschreitet.
- Nicht das Fernbedienungskabel anschließen, wenn das JVC-Cassettendeck mit COMPU LINK-1/SYNCHRO Buchsen and die Buschsen TAPE 2/ VIDEO SOUND angeschlossen wird.
- Wenn ein JVC DAT Deck mit COMPU LINK-1/SYNCHRO Buchsen verwendet wird, dieses immer an die TAPE 2/VIDEO SOUND Buchsen anschließen und auch das Fernbedienungskabel anschließen.
- Plattenspieler mit Schwingmagnet-Tonabnehmern (MM) immer an die PHONO-Buchse anschließen.

TEKNISKA DATA

RX-501BK/RX-501LBK

FÖRSTÄRKARDELEN

Uteffekt **65 watt/kanal, min. RMS, båda kanaler drivna i 8 ohm fran 20 Hz till 20 kHz ej överstigande 0,015% THD.**
65 watt/kanal, min. RMS, båda kanaler drivna i 8 ohm vid 1 kHz (DIN).
65 watt/kanal, min. RMS, båda kanaler drivna i 8 ohm vid 1 kHz ej överstigande 0,015% THD.

Total harmonisk distorsion : 0,015% vid 65 watt (1 kHz, 8 ohm)

Intermodulations-distorsion : 0,015% vid 65 watt

Ingångskänslighet/ impedans
PHONO : 2,5 mV/47 kohm
CD : 200 mV/47 kohm
TAPE 1 PLAY
TAPE 2/VIDEO
SOUND PLAY

Inspelnings utsignalsnivå : 200 mV

Frekvensomfång
PHONO (RIAA-utjämning) : 20 Hz — 20 kHz, ±0.5 dB
CD, : 10 Hz — 50 kHz, ± 1 dB
TAPE 1 PLAY
TAPE 2/VIDEO
SOUND PLAY

S.E.A. tonkontroll : 63 Hz, 160 Hz, 400 Hz, 1 kHz, 2,5 kHz, 6,3 kHz, 16 kHz
Mittfrekvenser
Regelområde : +10 dB ± 1 dB
−10 dB ± 1 dB

Signal/ brusförhållande
PHONO : 71 dB ('66 IHF), 66 dB (DIN) 78 dB ('78 IHF, Rec out)
CD, : 91dB ('66 IHF), 67 dB (DIN) 77 dB ('78 IHF)
TAPE 1 PLAY,
TAPE 2 VIDEO
SOUND PLAY
PLAY

RADIODELEN FM

		IHF	DIN (För Euroa)
Bandområde	:	87,5 MHz— 108,0 MHz	87,5 MHz— 108,0 MHz
Användbar känslighet	:	Mono 10,8 dBf, 0,95μV/ 75 ohm 1,9 mV/ 300 ohm	—
Dämpnings Känslighet, 26 dB	:	—	1,5μV/75 ohm 3μV/300 ohm
Dämpnings-känslighet, 40 dB	:	Mono 16,3 dB (1,8 μV/ 75 ohm) 3,6 mV/ 300 ohm) Stereo 38,3 dBf (22,5 μV/ 75 ohm 45 mV/ 300 ohm)	—
Signal/ Brusförhållande			
Dämpnomgs-känslighet, 46 dB	:	—	Stereo 23μV 75 ohm
Signal/Brus-hållande (vid 98 MHz, 85 dBf)	:	Mono 82 dB Stereo 73 dB (IHF-A)	Mono 72 dB Stereo 64 dB (vägt)
Total harmonisk distorsion (1 kHz)	:	Mono 0,15% Stereo 0,2%	Mono 0,1% Stereo 0,3%
Frekvensområde	:	30 Hz—15 kHz, +0,5 dB, −3 dB	
Infrångningsindex	:	1,5 dB	
Känslighet	:	60 dB ±400 kHz	55 dB ±300 kHz
IF återgivningsförh.	:	85 dB vid 98 MHz	
Stereoseparation	:	40 dB vid 1 kHz	40 dB vid 1 kHz

RADIODELEN AM

MV

Bandområde

Område	Kanalfördelning	
	9 kHz	10 kHz
Förenta Staterna Kanada	—	530kHz ~ 1710kHz
Kontinentaleurope Storbritannien	522kHz ~ 1629kHz	—
Italien	522kHz ~ 1629kHz	—
Australien	522kHz ~ 1629kHz	—
Övriga länder	522kHz ~ 1629kHz	530kHz ~ 1630kHz

Känslighet
Ramantenn : 300 μV/m)*
Yttre antenn 30 μV*

Signal/Brusförhållande : 50 dB* (100 mV/m)

Selektivitet : 38 dB, ±10 khz
38 dB, ±9 kHz*

Spegelbildsförhållande : 40 dB*

Mellanfrekvensförhållande : 60 dB

Total harmonisk distorsion : 0,5%* (100 m/m)

LV (endask RX-501 LBK)

Bandområde

Område	Kanalfördelning
	1 kHz
Förenta Staterna Kanada	—
Kontinentaleurope Storbritannien	144kHz ~ 353kHz
Italien	144kHz ~ 290kHz
Australien	—
Överiga länder	—

Känslighet
Ramantenn : 600μV/m vid 245 kHz
Yttre antenn : 100μV vid 245 kHz

Signal/ Brusförhållande (100 mV/m) : 50 dB vid 245 kHz

Selectivitet : 40 dB, ±9 kHz vid 245 kHz

ÖVRIGT

Mått (WxHxD) : 435x126x383mm
Vikt : 6,8 kg

* Mått vid 1,000 kHz eller 999 kHz

Rätt till ändringer förbehålles.

MC-Service

POWER SPECIFICATIONS

Area	Line Voltage & Frequency	Power Consumption
U.S.A Canada	AC 120V ∿, 60Hz	270 watts, 350VA
Continental Europe	AC 220V ∿, 50 Hz	200 watts
U.K. Australia	AC 240V ∿, 50Hz	340 watts
Other Area	AC 110/120/220/240V ∿, selectable, 50/60 Hz	200 watts

SPANNUNGSVERSORGUNG UND LEISTUNGSAUFNAHME

Länder	Nezspannung und Frequenz	Leistungsaufnahme
U.S.A Kanada	120V ∿, 60Hz	270 Watt, 350VA
Kontinental-Europa	220V ∿, 50 Hz	200 Watt
Großbritannien Australien	240V ∿, 50Hz	340 Watt
Andere Länder	Umschaltbar 110/120/220/240V ∿, 50/60 Hz	200 Watt

CARACTERISTIQUES D'ALIMENTATION

Pays	Tension d'alimentation et fréquence	Consommation
Etats-Unis Canada	CA 120V ∿, 60Hz	270 watts, 350VA
Europe Continental	CA 220V ∿, 50 Hz	200 watts
Royaume-Uni Australie	CA 240V ∿, 50Hz	340 watts
Autres pays	CA 110/120/220/240V ∿, commutable, 50/60 Hz	200 watts

SPANNINGSVERREISTEN

Gebieden	Netspanning en frekwentie	Stroomverbruik
V.S. Canada	Net 120V ∿ wisselstroom, 60Hz	270 Watt, 350VA
Europese vasteland	Net 220V ∿ wisselstroom, 50 Hz	200 Watt
Engeland Australië	Net 240V ∿ wisselstroom, 50Hz	340 Watt
Andere Gebieden	Net 110/120/220/240V ∿ instelbaar, 50/60 Hz	200 watts

ESPECIFICACIONES DE ALIMENTACION

Países	Voltaje y frecuencia	Consumo
EE.UU. Canadá	AC 120V ∿, 60Hz	270 vatios, 350VA
Europa Continental	AC 220V ∿, 50 Hz	200 vatios
Reino Unido Australia	AC 240V ∿, 50Hz	340 vatios
Otras paises	AC 110/120/220/240V ∿, seleccionable, 50/60 Hz	200 vatios

STRÖMFÖRSÖRJNING

Områden	Nätspänning & frekvens	Effektförbrukning
Förenta Staterna Kanada	∿120V, 60Hz	270 watt, 350VA
Kontinentaleurope	∿220V, 50 Hz	200 watt
Storbritannien Australien	∿240V, 50Hz	340 watt
Övriga länder	∿110/120/220/240V, (Omkopplingsbart), 50/60 Hz	200 watt

JVC

VICTOR COMPANY OF JAPAN, LIMITED

MC-Service